



Specifications:

Input Requirements:

Input Voltage	: 110 to 240V ac.
Frequency	: 50/60Hz.
Inrush Current	: 40 Amperes peak at 120V ac 80 Amperes peak at 240V ac.
Maximum Input Current	: 1.5 Amperes at 100V ac.

Efficiency:

84% Minimum at Full Load Condition.

Total Output Power : 96W.

Output Requirements:

Output Voltage	: 16 to 24V dc (Adjustable).
Remark	: Type A : 16 to 19V dc Type B : 20 to 24V dc.
Output Current	: 4A to 5A.
Line Regulation	: $\pm 2\%$.
Load Regulation	: $\pm 5\%$.
Ripple/Noise	: +5% of Output Voltage.

Protection:

Current Limit Protection	: Built-in.
Over Voltage Protection	: Built-in.
Short Circuit Protection	: Built-in.

Environmental:

Temperature Range

Operation Temperature	: 0°C to +30°C.
Storage Temperature	: +10°C to +75°C.

Humidity:

Operation Humidity	: 10% to 90%.
Storage Humidity	: 10% to 100%.

Physical:

PCB Dimension	: (L) 127 x (W) 52 (H) x 1.2mm.
Case Dimension	: (L) 133 x (W) 58 (H) x 31mm.
Input AC Power Cable	: 1.0M.
Output DC Power Cable	: 1.2M.

Specifications:

Included Tips

TIP A19

Output : 19V.
Dimension : $\varnothing 6.0 \times \varnothing 1.4 \times 25.5$ x (Length) 11mm.

TIP B16

Output : 16V.
Dimension : $\varnothing 6.5 \times \varnothing 3.0 \times 22$ x (Length) 11mm.

TIP C19

Output : 19V.
Dimension : $\varnothing 5.5 \times \varnothing 2.5 \times 22.5$ x (Length) 11mm.

TIP D19

Output : 19V.
Dimension : $\varnothing 5.5 \times \varnothing 2.1 \times 22.5$ x (Length) 11mm.

TIP E19

Output : 19V.
Dimension : $\varnothing 4.75 \times \varnothing 1.7 \times 22$ x (Length) 11mm.

Part Number Table

Description	Part Number
PSU, Desktop, 96W, 16 to 19V	ATD96W

Notes:

International Sales Offices:

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